

SIEMENS

SIREMOBIL

SP

Installation instructions

Multi-room configuration

For
SIREMOBIL Compact
SIREMOBIL Iso C

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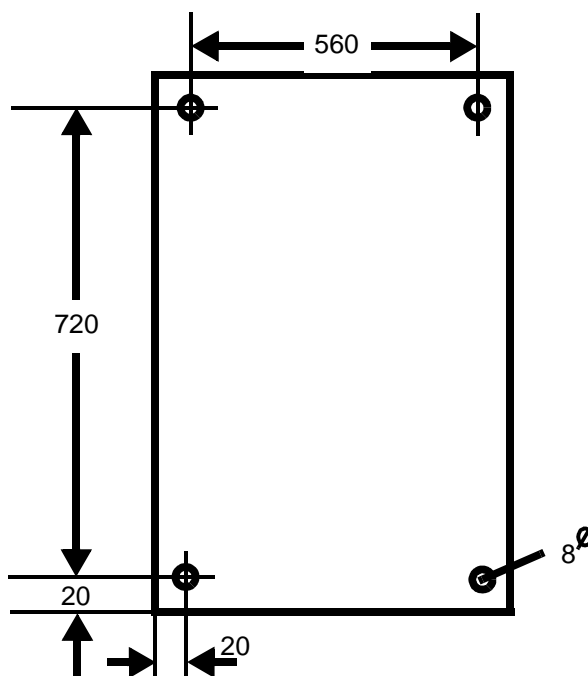
Safety information and protective measures

CAUTION

- When performing service work and tests adhere to:
 - the product-specific safety information in the documents,
 - the safety information in RA0-000.012.... ,
 - as well as the general safety information contained in ARTD Part 2.
- Connect the SIREMOBIL only to line voltage (receptacle) , that corresponds to the installation requirements of VDE 0107 or country-specific regulations.
- Remove or install boards only when the unit is switched OFF. Adhere to the ESD guidelines.
- Checks and adjustments performed with radiation ON are identified by the radiation warning symbol ☸ . During these types of adjustments, radiation protective clothing must be worn.

Wall mounting of the power cabinet

- Attach the power cabinet at the location specified on site, using dowels and screws.



Cable runs

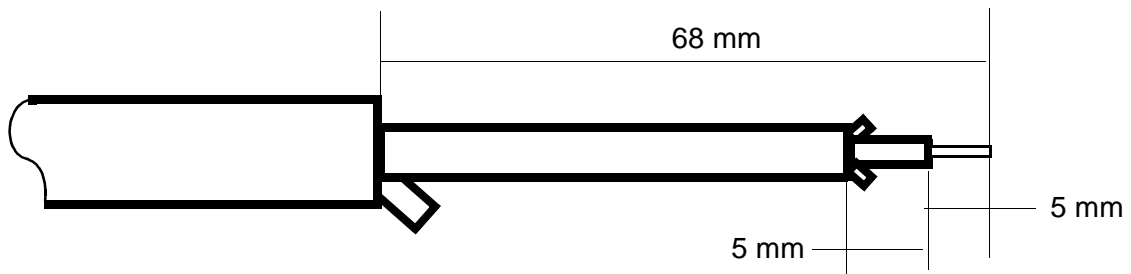
CAUTION

- Before beginning, switch off power to the on-site terminals provided for the multi-room configuration and secure them against unintentional switch-on!

- Unscrew the cover plate from the cable bushing on the power cabinet.
- Pull the power cable(s) and the protective conductor into the inside of the power cabinet and strip the wires.
- Pull all connecting cables from the wall sockets, control units and monitor blocks (monitor/support system or wall sockets) into the inside of the electronics cabinet and strip the wires.

Installing the wall sockets

- The wall sockets are intended for recessed installation and their installation is the responsibility of the customer. The cables required can be seen in the project planning drawings.



- Strip the triaxial cables for the composite video signal in the wall sockets according to the drawing.

Installing the extra keyboard(s) (if applicable)

- Place the keyboard at the intended location.
- The cables required can be seen in the project planning drawings.
- Connection is described in the chapter "Component wiring".

Installing the monitor wall brackets

- Install the wall consoles using dowels and securing screws at the intended locations.
- Run the wiring before installing the monitors.
- Install the monitors, using the swivel mountings, to the wall brackets.

Installing the radiation warning indicators

- Install a radiation warning indicator at the wall bracket in each room.

NOTICE

This requires a 24 V~ / 4 W lamp, part no. 46 61 054

Preparatory work on the monitor carriage

- Remove the rear cover from the monitor carriage.
- Unscrew the two monitor covers.

Installing additional shielding (only by SIREMOBIL Iso-C)

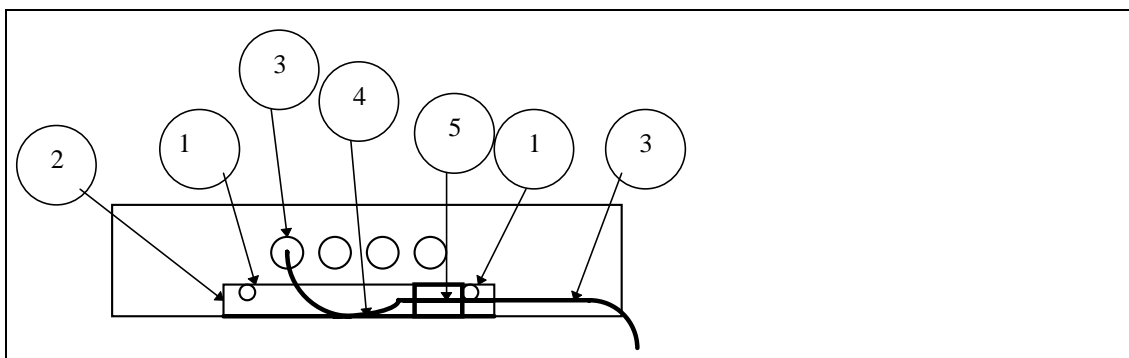


Fig. 1

- Place a lockwasher between the metal bracket (Fig. 1 / 2) and the Memoskop and secure it with the supplied screws.
- Route the video cable, plugged into the Memoskop "Video IN" jack, to the metal bracket as shown in Fig.1/3.
- Mark the location of the clamp (Fig.1 /4) on the video cable and carefully remove the outer cable insulation at this location.
- Clamp the video cable securely. The stripped section of the cable should be located under the cable clamp.
- Attach a ferrite core over the video cable at the point shown in Fig. 1/5.
- Secure the ferrite core to the metal bracket using cable ties.

Installing the MS - Power supply

Removing the memory

- Pull out the power plug.
- Disconnect the composite video signal and control cables.
- Loosen the lower set screws and pull the memory out of the monitor carriage on the guide rails.

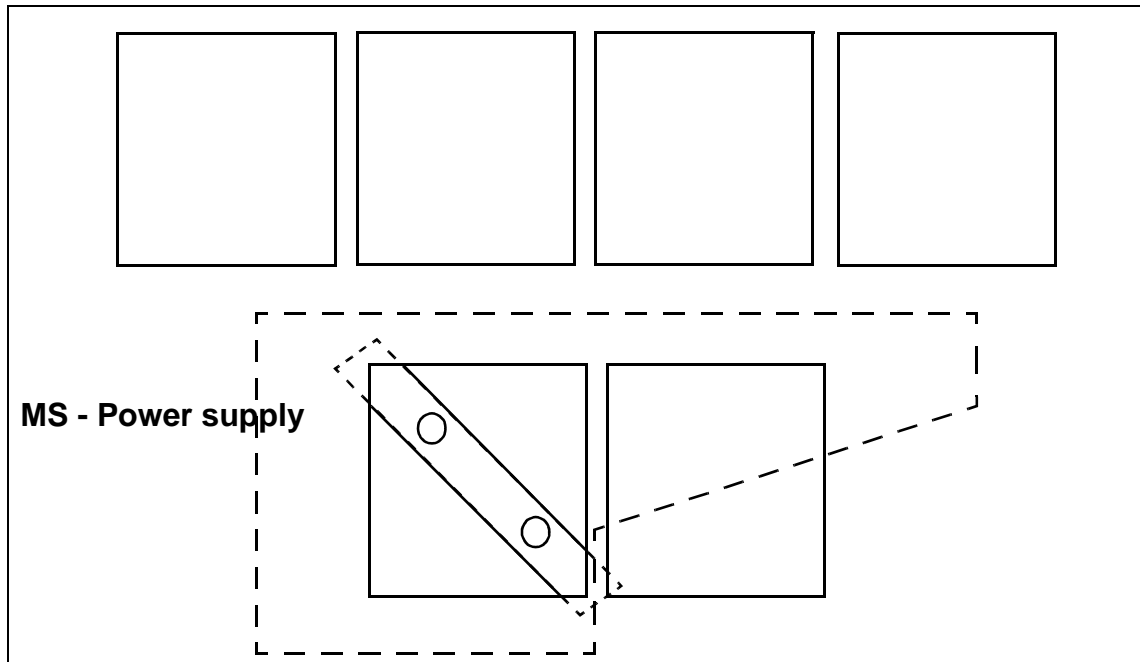
Mechanical installation of the MS - Power supply

Fig. 2

- Attach the MS power supply to the plate from underneath using the bracket; see Fig. 1.

Connecting the MS - Power supply to power

- Attach the plug from the keyboard installed to D11 X4.
- Route ribbon cable X3 from board D11 to the memory installation area.
- Route the line voltage cable to board D50 and connect cables to D50 X3.3 and D50 X3.2.
- Connect the protective conductor.

Installing the memory

- Install the memory in the monitor carriage and attach it using the lower set screws.
- Connect the composite video signal and control cables.
- Attach ribbon cable X3 from board D11 to the keyboard socket and tighten the screws.
- Plug in the power supply.

Installing the extra cable harness

- Pull the TV cable into the inside of the monitor carriage and attach with the new cable clamp.

Wiring the TV cable

- Open the log book compartment (loosen the two screws) and remove the log book.
- Loosen the shielding plate above the BNC plugs on the monitor.

- Run the two cables with BNC plugs M1 and M2 along the installed cable harness to the monitors, to the composite video outputs of the monitors.
- Attach the outer shields of the triaxial cables to the monitor housing with the cable clamps.
- Secure the cables with cable ties.
- Switch off the 75 Ohm terminating resistors at both monitors.
(DIP switch S401.1 set to OFF)
- Attach plug D11.X2 on the board D11.X2 and secure the screws.

Attaching the new TV cable

- Route the TV cable along the existing cable harness and attach with cable ties. Make sure that it is long enough to remove the memory or the multiformat camera.

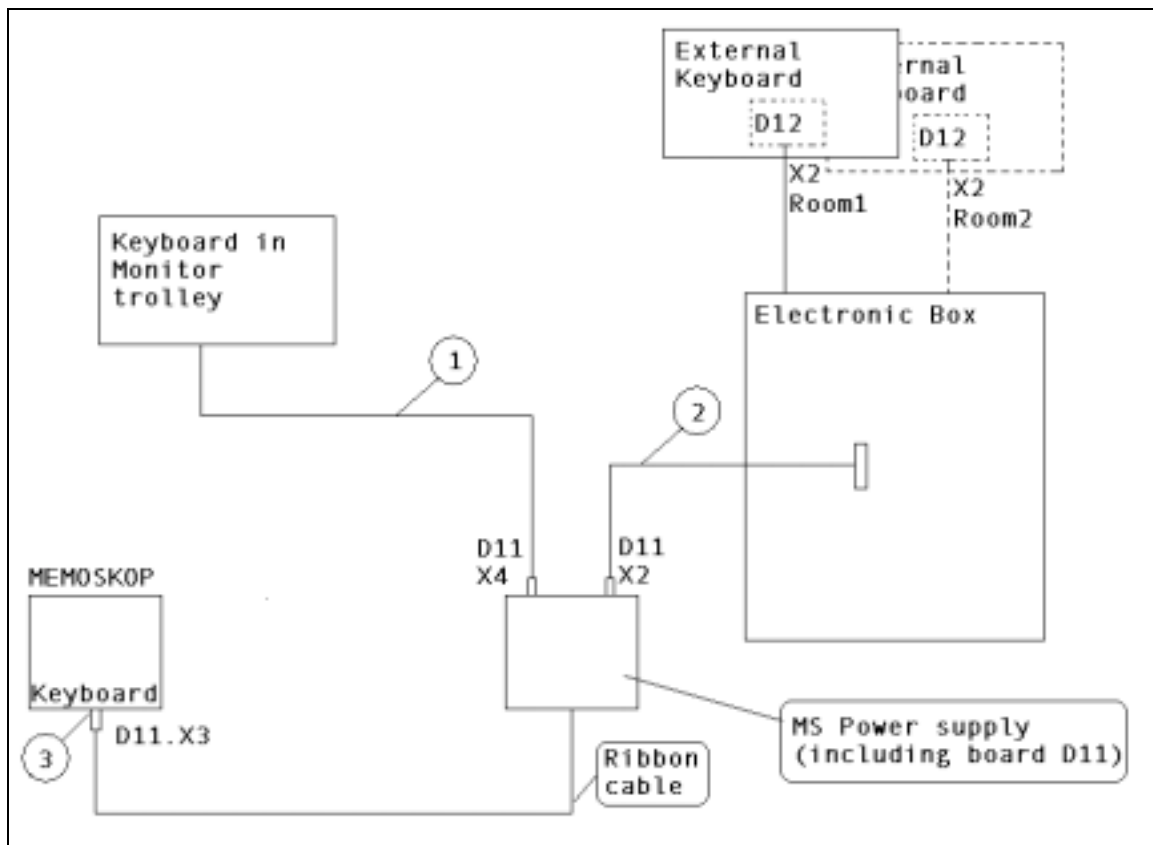


Fig. 3

Cabling of the internal MEMOSKOP keyboard with installed external keyboards

- Plug D11.X2 (2/Fig. 3) of the additional TV cable is already attached and screwed to plug D11.X2 of the MS power supply.
- Detach keyboard plug from MEMOSKOP and route the cable to the MS power supply.
- Attach keyboard plug to plug D11.X4 of the MS power supply (1/Fig. 3) and secure the screws.
- Route the ribbon cable D11.X3 from the MS power supply to MEMOSKOP and attach to "keyboard" plug of MEMOSKOP (3/Fig. 3).
- The cabling of the external keyboards is described in Chapter 4 of these installation instructions.

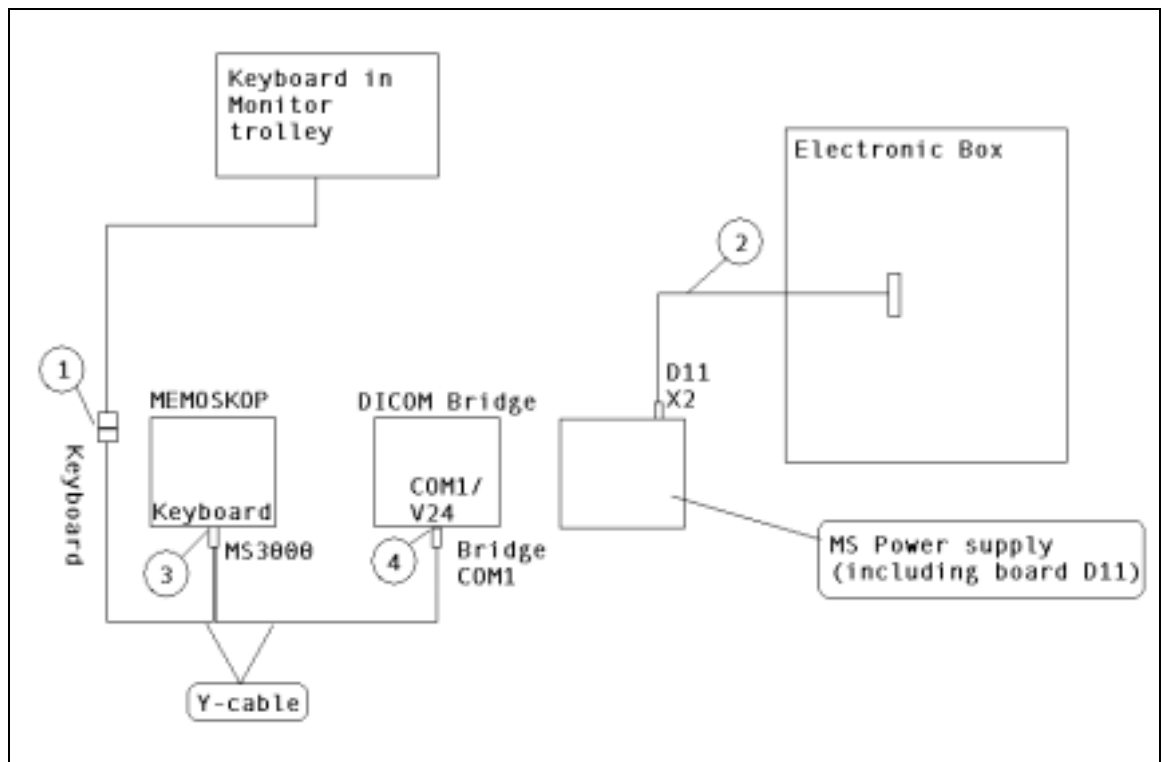


Fig. 4

Cabling of the internal MEMOSKOP keyboard with installed DICOM bridge without external keyboards

- Plug D11.X2 (2/Fig. 4) of the additional TV cable is already attached and screwed to plug D11.X2 of the MS power supply.
- Detach keyboard plug from MEMOSKOP.
- Connect "MS3000" plug of the Y-cable (included in the shipment of DICOM bridge) to MEMOSKOP, plug "keyboard" (3/Fig. 4) and secure the screws.
- Route the cable with "Bridge COM1" plug to DICOM bridge.
- Attach plug "Bridge COM 1" of the Y-cable to "COM1 / V24" plug of DICOM bridge (4/Fig. 4) and secure the screws.
- Attach keyboard plug of the internal keyboards to "keyboard" plug of the Y-cable (1/Fig. 4).

NOTICE

Plug D11.X4 and plug D11.X3 of the MS power supply are not used and remain free.

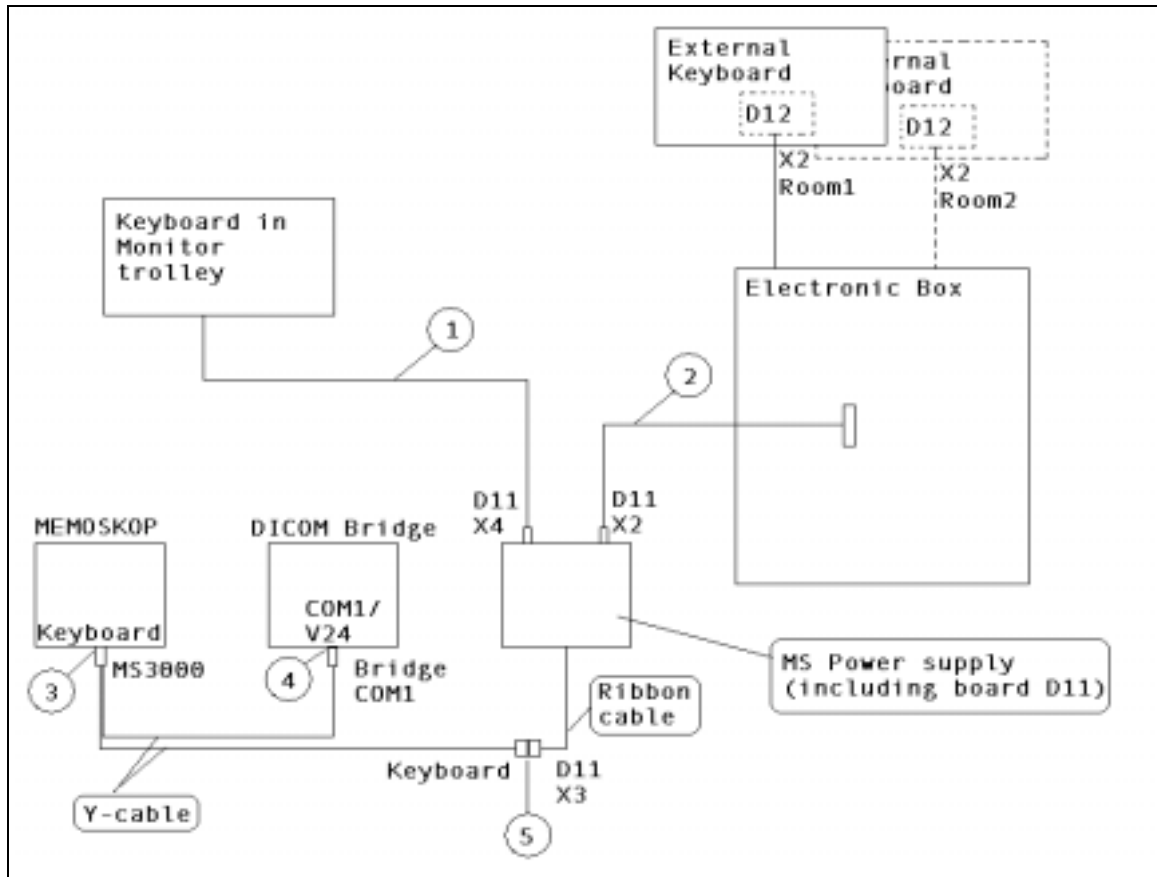


Fig. 5

Cabling of the internal MEMOSKOP keyboard with installed DICOM bridge and existing external keyboards

- Plug D11.X2 (2/Fig. 5) of the additional TV cable is already attached and screwed to plug D11.X2 of the MS power supply.
- Detach keyboard plug from MEMOSKOP and route the cable to the MS power supply.
- Attach keyboard plug to plug D11.X4 of the MS power supply (1/Fig. 5) and secure the screws.
- Attach plug MS3000 of the Y-cable (included in the shipment of DICOM bridge) to MEMOSKOP, plug "keyboard" (3/Fig. 5) and secure the screws.
- Route the cable with "Bridge COM1" plug of the Y-cable to DICOM bridge.
- Attach "Bridge COM 1" plug of the Y-cable to "COM1 / V24" plug of DICOM bridge (4/Fig. 5) and secure the screws.
- Route ribbon cable (Fig. 5) of the MS power supply to "keyboard" plug of the Y-cable.
- Attach plug D11.X3 of the ribbon cable to "keyboard" plug of the Y-cable (5/Fig. 5).

Wiring an external autotransformer

for powering monitors when the line voltage is different from 230 V/115 V \pm 10 %

NOTICE

In countries with line voltages different from 230 V \pm 10 % or 115 V \pm 10 %, it is necessary to install an autotransformer with sufficient output (according to simultaneously operated monitor types) to power the monitors. The voltage on the secondary side of the transformer must be 230 V or 115 V, as required. This requires on-site planning, including adequate fuses, for the autotransformer.

Modify the internal wiring of the power cabinet as described below.

With a power cabinet intended for one SIREMOBIL:

- Remove varistor V1, clamped between terminals X14.L1 and X14.1 (fuse holder F1, primary side).
- Remove the connection between terminals X14.1 (fuse holder F1, secondary side) and X14.2.
- Install varistor V1 between terminals X14.1 (fuse holder F1, secondary side) and X14.2.
- Loosen the two wires to relays K101.1/K102.1 and K103.1/K104.1 (if applicable) clamped at terminal X14.N.
- Remove the jumpers for relays K101, K102 and K104 (if applicable) at connections 1 and connections 3.
- Connect X14.2 to K101.1 and K101.1 to K102.1.
- If relays K103 and K104 are present, also connect K102.1 to K104.1 and K104.1 to K103.1.
- Connect K101.3 to K102.3.
- If relays K103 and K104 are present, also connect K102.3 to K104.3 and K104.3 to K103.3.
- Clamp one autotransformer connection to X14.1 (fuse holder F1, primary side). Connect the other side of the autotransformer to K101.3.
- For 1 - 2 rooms, make the following connections:

from	to	Remarks
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness

- For 3 - 4 rooms, make the following connections:
See also the SIREMOBIL multi-room configuration wiring diagram

from	to	Remarks
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness
K103.5	D3.X61.1	Cable harness
K103.6	D3.X61.2	Cable harness
K104.5	D3.X61.4	Cable harness
K104.6	D3.X61.5	Cable harness

With a power cabinet intended for two SIREMOBIL units:

- Remove varistor V1, clamped between terminals X14.L1 and X14.1 (fuse holder F1, primary side).
 - Remove the connection between terminals X14.1 (fuse holder F1, secondary side) and X14.2.
 - Install varistor V1 between terminals X14.1 (fuse holder F1, secondary side) and X14.2.
 - Loosen the two wires to relays K101.1/K102.1 and K103.1/K104.1 (if applicable), clamped at terminal X14.N.
 - Loosen the two wires to relays K201.1/K202.1 and K203.1/K204.1 (if applicable), clamped at terminal X24.N.
 - Remove the jumpers for relays K101, K102, K103 (if applicable) and K104 (if applicable) at connections 1 and connections 3.
 - Remove the jumpers for relays K201, K202, K203 (if applicable) and K204 (if applicable) at connections 1 and connections 3.
 - Connect X14.2 to K101.1 and K101.1 to K102.1.
 - Connect K102.1 to K202.1 and K202.1 to K201.1.
 - If relays K103/K104 and K203/K204 are present, also connect:
 - K201.1 to K103.1 and K103.1 to K104.1.
 - K104.1 to K204.1 and K204.1 to K203.1.
 - Connect K101.3 to K102.3, K102.3 to K202.3. and K202.3 to K201.3.
 - If relays K103/K104 and K203/K204 are present, also connect:
 - K201.3 to K103.3 and K103.3 to K104.3.
 - K104.3 to K204.3 and K204.3 to K203.3.
 - Clamp one autotransformer connection to X14.1 (fuse holder F1, primary side).
Connect the other side of the autotransformer to K101.3.
- See also the SIREMOBIL multi-room configuration wiring diagram.
- Replace fuse X14.F1,6,25AT with a 10 AT fuse.

- For 1 - 2 rooms, make the following connections:

from	to	Remarks
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness
K201.5	D2.X61.1	Cable harness
K201.6	D2.X61.2	Cable harness
K202.5	D2.X61.4	Cable harness
K202.6	D2.X61.5	Cable harness

- For 3 - 4 rooms, make the following connections:
Refer to the SIREMOBIL multi-room configuration wiring diagram.

from	to	Remarks
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness
K201.5	D2.X61.1	Cable harness
K201.6	D2.X61.2	Cable harness
K202.5	D2.X61.4	Cable harness
K202.6	D2.X61.5	Cable harness
K103.5	D3.X61.1	Cable harness
K103.6	D3.X61.2	Cable harness
K104.5	D3.X61.4	Cable harness
K104.6	D3.X61.5	Cable harness
K203.5	D4.X61.1	Cable harness
K203.6	D4.X61.2	Cable harness
K204.5	D4.X61.4	Cable harness
K204.6	D4.X61.5	Cable harness

Monitor line voltage setting

- Before monitor switch-on, set the line voltage selector switch S2 to the available line voltage.
- If you set the voltage to 115 VB you must replace the label on the covering [230 VB, 47..65 Hz, 1 phase,.....] with another label from the accessory kit [110 VB, 47..63 Hz, 1Phase,.....].

- Then program the monitor refresh rate to the refresh rate of the SIREMOBIL units.

Wiring the mains relay for 230V +/- 10% line voltage

(Only if necessary)

- For a power cabinet intended for 1 SIREMOBIL in 1 or 2 rooms, make the following connections:

from	to	Remarks
X14.N	K101.1	Cable harness
X14.N	K102.1	Cable harness
X14.2	K101.3	Cable harness
X14.2	K102.3	Cable harness
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness

- For an existing power cabinet intended for 1 SIREMOBIL in 3 - 4 rooms, make the following connections:

from	to	Remarks
X14.N	K101.1	Cable harness
X14.N	K102.1	Cable harness
X14.2	K101.3	Cable harness
X14.2	K102.3	Cable harness
K101.1	K103.1	Cable harness
K102.1	K104.1	Cable harness
K101.3	K103.3	Cable harness
K102.3	K104.3	Cable harness
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness
K103.5	D3.X61.1	Cable harness
K103.6	D3.X61.2	Cable harness
K104.5	D3.X61.4	Cable harness
K104.6	D3.X61.5	Cable harness

- For an existing power cabinet intended for 1 SIREMOBIL in 1 or 2 rooms, make the following connections:

from	to	Remarks
X14.N	K101.1	Cable harness
X14.N	K102.1	Cable harness
X14.2	K101.3	Cable harness
X14.2	K102.3	Cable harness
X114.N	K201.1	Cable harness
X114.N	K202.1	Cable harness
X114.2	K201.3	Cable harness
X114.2	K202.3	Cable harness
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness
K201.5	D2.X61.1	Cable harness
K201.6	D2.X61.2	Cable harness
K202.5	D2.X61.4	Cable harness
K202.6	D2.X61.5	Cable harness

For an existing power cabinet intended for 2 SIREMOBIL systems
in 3 or 4 rooms, make the following connections:

from	to	Remarks
X14.N	K101.1	Cable harness
X14.N	K102.1	Cable harness
X14.2	K101.3	Cable harness
X14.2	K102.3	Cable harness
X114.N	K201.1	Cable harness
X114.N	K202.1	Cable harness
X114.2	K201.3	Cable harness
X114.2	K202.3	Cable harness
K101.1	K103.1	Cable harness
K102.1	K104.1	Cable harness
K101.3	K103.3	Cable harness
K102.3	K104.3	Cable harness
K201.1	K203.1	Cable harness
K202.1	K204.1	Cable harness
K201.3	K203.3	Cable harness
K202.3	K204.3	Cable harness
K101.5	D1.X61.1	Cable harness
K101.6	D1.X61.2	Cable harness
K102.5	D1.X61.4	Cable harness
K102.6	D1.X61.5	Cable harness
K201.5	D2.X61.1	Cable harness
K201.6	D2.X61.2	Cable harness
K202.5	D2.X61.4	Cable harness
K202.6	D2.X61.5	Cable harness
K103.5	D3.X61.1	Cable harness
K103.6	D3.X61.2	Cable harness
K104.5	D3.X61.4	Cable harness
K104.6	D3.X61.5	Cable harness
K203.5	D4.X61.1	Cable harness
K203.6	D4.X61.2	Cable harness
K204.5	D4.X61.4	Cable harness
K204.6	D4.X61.5	Cable harness

Power and protective conductor connections at the power cabinet

CAUTION

Before beginning, switch off power to the on-site terminals provided for the multi-room configuration and secure them against unintentional switch-on.

With one SIREMOBIL unit:

- 3 x 4mm² wire, part no.: 34 62 728 DIN 57281.
- phase-fused with 16 A/c (for line voltage < 190 V 20 A/c),
- FI circuit breaker before fuse (refer to Planning Guide).
- Protective conductor 1 x 6mm², part no. 20 27 340

Connections

on-site from:	to the power cabinet	wire	remarks
L1	terminal X14.L1	*1 3x 4 mm ²	phase L1
N	terminal X14.N	*1	zero potential
connection for protective conductor	terminal X14.⊥	*1 green-yellow	protective conductor
connection for protective conductor	connection for protective conductor	1x 16mm ² green-yellow	additional protective conductor

*1 Attach DIN 46228 wire end ferrules or DIN 46230 pin lugs at the ends of the wires.

With two SIREMOBIL units, at the power cabinet:

- two 3 x 4 mm² wires, part no.: 34 62 728 DIN 57281,
- one 1 x 6mm² wire, part no.: 20 27 340
- phase-fuse both with 16 A/c (for line voltage < 190 V 20 A/c)
- FI circuit breaker before fuse (refer to Planning Guide).

Connections to terminal X14:

on-site from:	to the power cabinet	wire	remarks
L1	terminal X14.L1	*1 3x 4 mm ²	phase L1
N	terminal X14.N	*1	zero potential
connection for protective conductor	terminal X14.⊥	*1 green-yellow	protective conductor
connection for protective conductor	connection for protective conductor	1x 16mm ² green-yellow	additional protective conductor

*1 Attach DIN 46228 wire end ferrules or DIN 46230 pin lugs at the ends of the wires.

Connections to terminal X114:

on-site from:	to the power cabinet	wire	remarks
L	terminal X114.L1	*1 3x 4 mm ²	phase L2
N	terminal X114.N	*1	zero potential
connection for protective conductor	terminal X114.⊥	*1 green-yellow	protective conductor

*1 Attach DIN 46228 wire end ferrules or DIN 46230 pin lugs at the ends of the wires.

Component selection table

- Using the table below, find the pages required for wiring the wall sockets and follow the instructions on these pages.

Number of rooms	Number of SIREMOBIL units	Page numbers in Chapter 4
1 or 2	1	Pages 4-1 - 4-10 1 or 2 rooms, 1 SIREMOBIL unit, 1 or 2 wall sockets per room
3 or 4	1	Pages 4-11 - 4-30 3 or 4 rooms, 1 SIREMOBIL unit, 1 or 2 wall sockets per room
2	2	Pages 4-31 - 4-41 2 rooms, 2 SIREMOBIL units, 1 or 2 wall sockets per room
3 or 4	2	Pages 4-42 - 4-63 3 or 4 rooms, 2 SIREMOBIL units, 1 or 2 wall sockets per room

1 or 2 rooms, 1 SIREMOBIL, 1 or 2 wall sockets per room

Jumpers on board D1

NOTICE

Already carried out according to on-site specification on order form.

- Check the following connections on board D1:

Jumpers on board D1
D1.X31.2 - D1.X31.8
D1.X31.3 - D1.X31.7
D1.X31.4 - D1.X31.6

- The following connections are also required to the protective conductor terminals of the power cabinet:

D1.X30.5 - protective conductor terminal in the power cabinet
D1.X30.6 - protective conductor terminal in the power cabinet
D1.X100 - protective conductor terminal in the power cabinet
D1.X115 - protective conductor terminal in the power cabinet

Wall sockets - recess – wall socket housing

NOTICE

Perform on all wall sockets.

Attach the terminal blocks to the wall socket recess. The wall socket housing is the part of the wall socket embedded in plaster.

Wall socket recess	Wires	Wall socket housing	Remarks
X1.3	1x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Outer shield of the monitor cable Protective conductor connection wall socket
Metal pin	1x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Shield

Room 1, Wall socket 1 – power cabinet

- The following connections are required

Wall socket 1 Room 1	Wires	Power cabinet Board D1	Remarks
protect. cond. connection	1x 6 mm ²	protect. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 protect. cond. connection	3x 4 mm ² green-yellow	X2.1 X2.3 protect. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 protect. cond. connection	3x 1.5 mm ² green-yellow	X7.3 X7.1 protect. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X7.7 X7.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X211.1 X211.3 X12.1 X12.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X25.10 X25.9 X25.1 X25.2 X25.3 X25.4 X25.5 X25.6 X25.7 X25.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X36 X37 X103	comp.vid. sgnl., CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, Wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 1	Wires	Power cabinet Board D1	Remarks
protect. cond. connection	1x 6 mm ²	Protective conductor con- nection	Protective conductor con- nection in power cabinet
X1.1 X1.2 protect. cond. connection	3x 4 mm ² green-yellow	X3.3 X3.1 Protective conductor con- nection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 protect. cond. connection	3x 1.5 mm ² green-yellow	X8.3 X8.1 Protective conductor con- nection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X8.7 X8.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X212.1 X212.3 X13.1 X13.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X13.7 X13.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X26.10 X26.9 X26.1 X26.2 X26.3 X26.4 X26.5 X26.6 X26.7 X26.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X38 X39 X104	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, monitor block – power cabinet

- The following connections are required:

Monitor block	Wires	Power cabinet	Remarks
protect. cond. connection monitor A and monitor B	1x 6 mm ²	protect. cond. connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3x 1.5 mm ² green-yellow	K101.2 K101.4 protect. cond. connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block	Wires	Power cabinet D1	Remarks
Fluoro monitor	Triaxial cable		
Video signal Protect. cond. connection	core shield 1 shield 2	X57 X58 X113	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor	Triaxial cable		
Video signal Protect. cond. connection	core shield 1 shield 2	X49 X50 X111	Composite video signal Monitor 1 Inner shield Outer shield

Room 1, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator	Wires	Power cabinet D1	Remarks
Radiation warning indicator lamp: 24 V /4 W	2x 0.75 mm ²	X21.3 X21.4	Install and connect on site where readily visible, e.g. live monitor

Room 1, keyboard – power cabinet (if applicable)**NOTICE**

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

The following connections are required:

Keyboard	Wires	Power cabinet D1	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4x2x 0.75 mm ² shield	X21.1 X21.2 X21.7 X21.8 X21.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 2, wall socket 1 – power cabinet (if applicable)

- The following connections are required:

Wall socket 1 Room 2	Wires	power cabinet Board D1	Remarks
Protect. cond. connection	1x 6 mm ²	Protective conductor connection	Protective conductor connec- tion in power cabinet
X1.1 X1.2 Protect. cond. connection	3x 4 mm ² green-yellow	X4.3 X4.1 Protective conductor connection	Power supply gen. Power supply gen. Protective conductor connec- tion in power cabinet
X1.20 X1.19 Protect. cond. connection	3x 1.5 mm ² green-yellow	X9.3 X9.1 Protective conductor connection	Power supply Power supply Protective conductor connec- tion in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X9.7 X9.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X213.1 X213.3 X14.1 X14.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X14.7 X14.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X27.10 X27.9 X27.1 X27.2 X27.3 X27.4 X27.5 X27.6 X27.7 X27.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X40 X41 X105	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, Wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 2	Wires	power cabinet Board D1	Remarks
Protect. cond. connection	1x 6 mm ²	Protective conductor connection	Protective conductor connec- tion in power cabinet
X1.1 X1.2 Protect. cond. connection	3x 4 mm ² green-yellow	X5.3 X5.1 Protective conductor connection	Power supply gen. Power supply gen. Protective conductor connec- tion in power cabinet
X1.20 X1.19 Protect. cond. connection	3x 1.5 mm ² green-yellow	X10.3 X10.1 Protective conductor connection	Power supply Power supply Protective conductor connec- tion in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X10.7 X10.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X214.1 X214.3 X15.1 X15.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X15.7 X15.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X28.10 X28.9 X28.1 X28.2 X28.3 X28.4 X28.6 X28.5 X28.7 X28.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X42 X43 X106	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, monitor block – power cabinet

- The following connections are required:

Monitor block	Wires	Power cabinet	Remarks
Protect. cond. connection monitor A and monitor B	1x 6 mm ²	Protective conductor connection	Connect protective conductor to both monitors
Power line to monitor A, with MTS to monitor A and monitor B	3x 1.5 mm ² green-yellow	K102.2 K102.4 Protective conductor connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block	Wires	Power cabinet D1	Remarks
Fluoro monitor Video signal Protect. cond. connection	Triaxial cable core shield 1 shield 2	X59 X60 X114	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor Video signal Protect. cond. connection	Triaxial cable core shield 1 shield 2	X51 X52 X112	Composite video signal Monitor 1 Inner shield Outer shield

Room 2, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator	Wires	Power cabinet D1	Remarks
Radiation warning indicator lamp: 24 V /4 W	2x 0.75 mm ²	X22.3 X22.4	Install and connect on site where readily visible --

Room 2, Keyboard - power cabinet (if applicable)

- The following connections are required:

Keyboard	Wires	Power cabinet D1	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4x2x 0.75 mm ² shield	X22.1 X22.2 X22.7 X22.8 X22.6	Solder the plug X2 supplied Connect the shield to the plug housing

**3 or 4 rooms, 1 SIREMOBIL,
1 or 2 wall sockets in each room**

Location of board D3

Fig. 1 shows the abbreviations used in the tables.

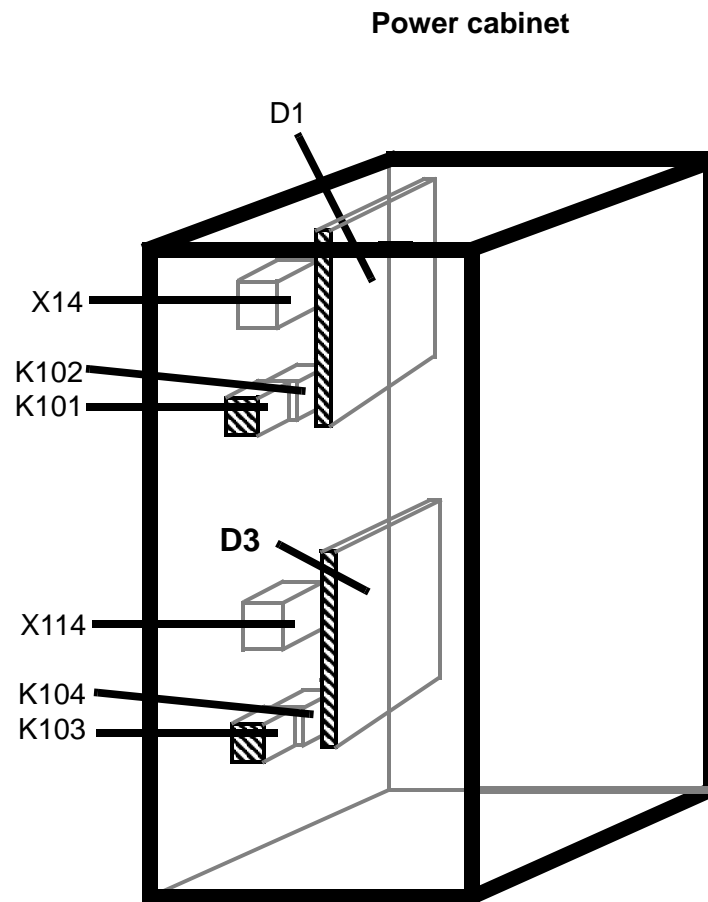


Fig. 1

Jumpers between boards D1 and D3

NOTICE

Already carried out according to on-site specification on order form.

- Make the following connections between boards D1 and D3:

Power cabinet		Wires	Remarks
D1	D3		
X18.2 X18.4 X18.6	X18.2 X18.4 X18.6	Cable harness Cable harness Cable harness	24 V 0 V Pilot
X1.2 X1.4	X1.2 X1.4	Cable harness Cable harness	Power supply Generator
X6.2 X6.6	X6.2 X6.6	Cable harness Cable harness	Power supply
X11.2 X11.6	X11.2 X11.6	Cable harness Cable harness	System off System off
X20.2 X20.4 X20.6 X20.8	X20.2 X20.4 X20.6 X20.8	Cable harness Cable harness Cable harness Cable harness	Keyboard wiring
X24.1 X24.2 X24.3 X24.4 X24.5 X24.6 X24.7 X24.8	X24.1 X24.2 X24.3 X24.4 X24.5 X24.6 X24.7 X24.8	Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness	20mA Interfaces
X102 X35 X34	X102 X35 X34	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	Outer shield Outer shield comp. video signal, CCD-camera
X108 X48 X47	X107 X46 X45	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	Outer shield Outer shield composite video signal
X110 X56 X55	X109 X54 X55	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	Outer shield Outer shield composite video signal
X200.2 X200.6	X200.2 X200.6	Cable harness Cable harness	System on System on

Jumpers on board D1

NOTICE

Already carried out according to on-site specification on order form.

- Check the following connections:

Jumpers on board D1
D1.X31.2 - D1.X31.8
D1.X31.3 - D1.X31.7
D1.X31.4 - D1.X31.6

- The following connections are also required to the protective conductor terminals of the power cabinet:

D1.X30.5 - protective conductor terminal in the power cabinet
D1.X30.6 - protective conductor terminal in the power cabinet
D1.X100 - protective conductor terminal in the power cabinet
D1.X115 - protective conductor terminal in the power cabinet

Jumpers on board D3

NOTICE

Already carried out according to on-site specification on order form.

- Check the following connections:

Jumpers on board D3
D3.X31.2 - D3.X31.8
D3.X31.3 - D3.X31.7
D3.X31.4 - D3.X31.6

- The following connections are also required to the protective conductor terminals of the power cabinet:

D3.X30.5 - protective conductor terminal in the power cabinet
D3.X30.6 - protective conductor terminal in the power cabinet
D3.X100 - protective conductor terminal in the power cabinet
D3.X115 - protective conductor terminal in the power cabinet

Wall sockets - recess – wall socket housing

NOTICE

Perform on all wall sockets.

Attach the terminal blocks to the wall socket recess. The wall socket housing is the part of the wall socket embedded in plaster.

Wall socket recess	Wires	Wall socket housing	Remarks
X1.3	1 x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Outer shield of the monitor cable Protective conductor connection wall socket
Metal pin	1 x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Shield

Room 1, Wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 1	Wires	Power cabinet Board D1	Remarks
Protect. cond. cnnct.	1x 6 mm ²	Protective conductor con- nection	Protective conductor con- nection in the power cabinet
X1.1 X1.2 Protect. cond. cnnct.	3x 4 mm ² green-yellow	X2.3 X2.1 Protective conductor con- nection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Protect. cond. cnnct.	3x 1.5 mm ² green-yellow	X7.3 X7.1 Protective conductor con- nection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X7.7 X7.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X211.1 X211.3 X12.1 X12.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X25.10 X25.9 X25.1 X25.2 X25.3 X25.4 X25.5 X25.6 X25.7 X25.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X36 X37 X103	comp.vid.sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 1	Wires	Power cabinet Board D1	Remarks
Prot. cond. connection	1x 6 mm ²	Protective conductor con- nection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow	X3.3 X3.1 Protective conductor con- nection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow	X8.3 X8.1 Protective conductor con- nection	Power supply 230V Power supply 230V Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X8.7 X8.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X212.1 X212.3 X13.1 X13.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X13.7 X13.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X26.10 X26.9 X26.1 X26.2 X26.3 X26.4 X26.5 X26.6 X26.7 X27.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X38 X39 X104	comp. vid. sig. CCD-camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, monitor block – power cabinet

- The following connections are required:

Monitor block room 1	Wires	Power cabinet	Remarks
Prot. cond. connection monitor A and monitor B	1x 6 mm ²	Protective conductor connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3x 1.5 mm ² green-yellow	K101.2 K101.4 Protective conductor connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal.

Monitor block room 1	Wires	Power cabinet D1	Remarks
Fluoro monitor Video signal Protective conductor connection	Triaxial cable core shield 1 shield 2	X57 X58 X113	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor Video signal Protective conductor connection	Triaxial cable core shield 1 shield 2	X49 X50 X111	Composite video signal Monitor 1 Inner shield Outer shield

Room 1, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 1	Wires	Power cabinet D1	Remarks
Radiation warning indicator lamp: 24 V /4 W	2x 0.75 mm ²	X21.3 X21.4	Install and connect on site where readily visible (e.g. on MTS), e.g. live monitor

Room 1, keyboard – power cabinet (if applicable))**NOTICE**

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- The following connections are required:

Keyboard	Wires	Power cabinet D1	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4x2x 0.75 mm ² shield	X21.1 X21.2 X21.7 X21.8 X21.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 2, wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 2	Wires	Power cabinet Board D1	Remarks
Protective conductor connect.	1x 6 mm ²	Protective conductor connection	Protective conductor connection in power cabinet
X1.1 X1.2 Protective conductor connect.	3x 4 mm ² green-yellow	X4.3 X4.1 Protective conductor connection	Power supply gen. Power supply gen. Protective conductor connection in power cabinet
X1.20 X1.19 Protective conductor connect.	3x 1.5 mm ² green-yellow	X9.3 X9.1 Protective conductor connection	Power supply Power supply Protective conductor connection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X9.7 X9.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X213.1 X213.3 X14.2.1 X14.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X14.7 X14.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X27.10 X27.9 X27.1 X27.2 X27.3 X27.4 X27.5 X27.6 X27.7 X27.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X40 X41 X105	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 2	Wires	Power cabinet Board D1	Remarks
Protect. cond. connection	1x 6 mm ²	Protective conductor connection	Protective conductor connec- tion in power cabinet
X1.1 X1.2 Protect. cond. connection	3x 4 mm ² green-yellow	X5.3 X5.1 Protective conductor connection	Power supply gen. Power supply gen. Protective conductor connec- tion in power cabinet
X1.20 X1.19 Protect. cond. connection	3x 1.5 mm ² green-yellow	X10.3 X10.1 Protective conductor connection	Power supply Power supply Protective conductor connec- tion in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X10.7 X10.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X214.1 X214.3 X15.1 X15.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X15.7 X15.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X28.10 X28.9 X28.1 X28.2 X28.3 X28.4 X28.5 X28.6 X28.7 X28.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X42 X43 X106	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, monitor block – power cabinet

- The following connections are required:

Monitor block room 2	Wires	Power cabinet	Remarks
Protect. cond. connection monitor A and monitor B	1x 6 mm ²	Protective conductor connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3x 1.5 mm ² green-yellow	K102.2 K102.4 Protective conductor connect.	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 2	Wires	Power cabinet D1	Remarks
Fluoro monitor Video signal protective conductor connection	Triaxial cable core shield 1 shield 2	X59 X60 X114	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor Video signal protective conductor connection	Triaxial cable core shield 1 shield 2	X51 X52 X112	Composite video signal Monitor 1 Inner shield Outer shield

Room 2, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 2	Wires	Power cabinet D1	Remarks
Radiation warning indicator lamp: 24 V /4 W	2x 0.75 mm ²	X22.3 X22.4	Install and connect on site where readily visible, e.g. live monitor

Room 2, keyboard – power cabinet (if applicable)**NOTICE**

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- The following connections are required:

Keyboard room 2	Wires	Power cabinet D1	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4x2x 0.75 mm ² shield	X22.1 X22.2 X22.7 X22.8 X22.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 3, wall socket 1 - power cabinet

- The following connections are required:

Wall socket 1 Room 3	Wires	power cabinet Board D3	Remarks
Prot. cond. connect.	1x 6 mm ²	Protective conductor connection	Protective conductor connection in power cabinet
X1.1 X1.2 Prot. cond. connect.	3x 4 mm ² green-yellow	X2.3 X2.1 Protective conductor connection	Power supply gen. Power supply gen. Protective conductor connection in power cabinet
X1.20 X1.19 Prot. cond. connect.	3x 1.5 mm ² green-yellow	X7.3 X7.1 Protective conductor connection	Power supply Power supply Protective conductor connection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X7.7 X7.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X211.1 X211.3 X12.1 X12.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X25.10 X25.9 X25.1 X25.2 X25.3 X25.4 X25.5 X25.6 X25.7 X25.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ- +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X36 X37 X103	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 3, wall socket 2 – power cabinet (if applicable)

- The following connections are required

Wall socket 2 Room 3	Wires	power cabinet Board D3	Remarks
Prot. cond. connection	1x 6 mm ²	Protective conductor con- nection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow	X3.3 X3.1 Protective conductor con- nection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow	X8.3 X8.1 Protective conductor con- nection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X8.7 X8.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X212.1 X212.3 X13.1 X13.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X13.7 X13.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X26.10 X26.9 X26.1 X26.2 X26.3 X26.4 X26.5 X26.6 X26.7 X26.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X38 X39 X104	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 3, monitor block – power cabinet

- The following connections are required:

Monitor block room 3	Wires	Power cabinet	Remarks
Protective conductor connection monitor A and monitor B	1x 6 mm ²	Protective conductor connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3x 1.5 mm ² green-yellow	K103.2 K103.4 Protective conductor connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 3	Wires	Power cabinet D3	Remarks
Fluoro monitor	Triaxial cable		
Video signal	core	X57	Composite video signal Monitor 2
Protective conductor connect.	shield 1 shield 2	X58 X113	Inner shield Outer shield
Storage monitor	Triaxial cable		
Video signal	core	X49	Composite video signal Monitor 1
Protective conductor connect.	shield 1 shield 2	X50 X111	Inner shield Outer shield

Room 3, monitor block – power cabinet

- The following connections are required:

Radiation warning indicator room 3	Wires	Power cabinet D3	Remarks
Radiation warning indicator lamp: 24 V /4 W	2 x 0.75 mm ²	X21.3 X21.4	Install and connect on site where readily visible (e.g. on MTS), e.g. live monitor

Room 3, keyboard – power cabinet (if applicable)**NOTICE**

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- The following connections are required:

Keyboard room 3	Wires	Power cabinet D3	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4 x 2 x 0.16 mm ² shield	X21.1 X21.2 X21.7 X21.8 X21.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 4 (if applicable), wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 4	Wires	power cabinet Board D3	Remarks
Protect. cond. connection	1x 6 mm ²	Protective conductor connection	Protective conductor connec- tion in power cabinet
X1.1 X1.2 Protect. cond. connection	3x 4 mm ² green-yellow	X4.3 X4.1 Protective conductor connection	Power supply gen. Power supply gen. Protective conductor connec- tion in power cabinet
X1.20 X1.19 Protect. cond. connection	3x 1.5 mm ² green-yellow	X9.3 X9.1 Protective conductor connection	Power supply Power supply Protective conductor connec- tion in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X9.7 X9.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X213.1 X213.3 X14.1 X14.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X14.7 X14.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X27.10 X27.9 X27.1 X27.2 X27.3 X27.4 X27.5 X27.6 X27.7 X27.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X40 X41 X105	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Radiation warning indicator Room 4, wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 4	Wires	power cabinet Board D3	Remarks
Protect. cond. connection	1x 6 mm ²	Protective conductor connection	Protective conductor connection in power cabinet
X1.1 X1.2 Protect. cond. connection	3x 4 mm ² green-yellow	X5.3 X5.1 Protective conductor connection	Power supply gen. Power supply gen. Protective conductor connection in power cabinet
X1.20 X1.19 Protect. cond. connection	3x 1.5 mm ² green-yellow	X10.3 X10.1 Protective conductor connection	Power supply Power supply Protective conductor connection in power cabinet
X1.4 X1.5	2x 0.75 mm ²	X10.7 X10.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²	X214.1 X214.3 X15.1 X15.3	System on System on System off System off
X1.21 X1.22	4x 0.75 mm ²	X15.7 X15.8	Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield	X28.10 X28.9 X28.1 X28.2 X28.3 X28.4 X28.5 X28.6 X28.7 X28.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2	X42 X43 X106	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 4, monitor block – power cabinet

- The following connections are required

Monitor block room 4	Wires	Power cabinet	Remarks
Protect. cond. connection monitor A and monitor B	1 x 6 mm ²	Protective conductor connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3 x 1.5 mm ² green-yellow	K104.2 K104.4 Protective conductor connection	Requires on site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 4	Wires	Power cabinet D3	Remarks
Fluoro monitor	Triaxial cable		
Video signal	core	X59	Composite video signal Monitor 21
Protective conductor connection	shield 1 shield 2	X60 X114	Inner shield Outer shield
Storage monitor	Triaxial cable		
Video signal	core	X51	Composite video signal Monitor 1
Protective conductor connection	shield 1 shield 2	X52 X112	Inner shield Outer shield

Room 4, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 4	Wires	Power cabinet D3	Remarks
Radiation warning indicator lamp: 24 V /4 W	2 x 0.75 mm ²	X22.3 X22.4	Install and connect on site where readily visible (e.g. on MTS), e.g. live monitor

Room 4, keyboard – power cabinet (if applicable)**NOTICE**

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- The following connections are required:

Keyboard room 4	Wires	Power cabinet D3	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4 x 2 x 0.16 mm ² shield	X22.1 X22.2 X22.7 X22.8 X22.6	Solder the plug X2 supplied Connect the shield to the plug housing

**2 rooms, 2 SIREMOBIL units,
1 or 2 wall sockets in each room**

Location of board D2

Fig. 2 shows the abbreviations used in the tables.

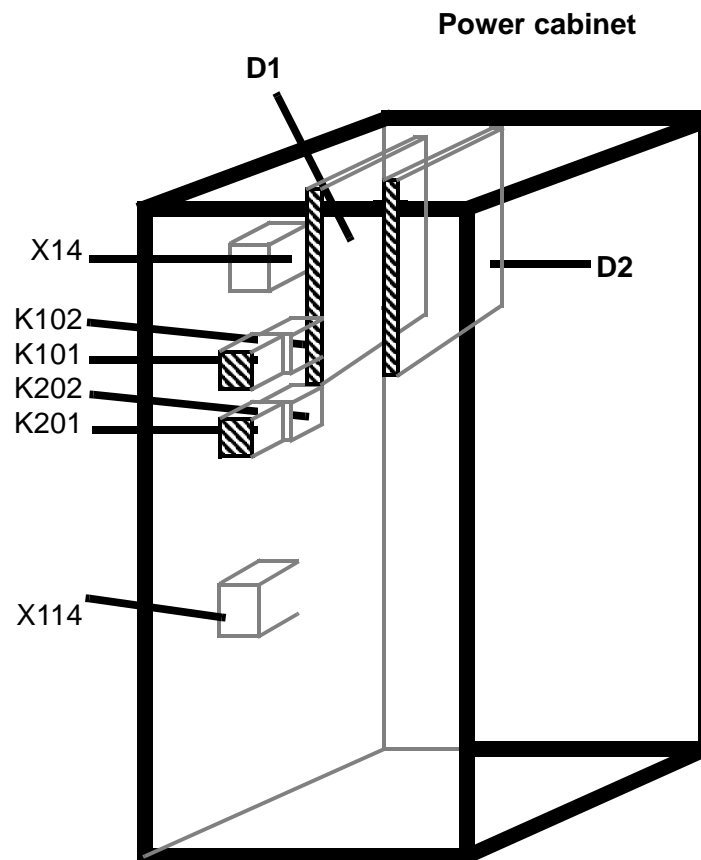


Fig. 2

Wiring for the power contactors

NOTICE

Already carried out according to on-site specification on order form.

- The following connections are required:

from	to
K101.2 K101.4	K201.2 K201.4
K102.2 K102.4	K202.2 K202.4

Wiring between boards D1 and D2

NOTICE

Already carried out according to on-site specification on order form. To simplify installation, remove board D2 from the spacer bolt and move it forward carefully. After wiring, secure board D2 again.

- The following connections are required

from Board	to Board	from Board	to Board
D1.X31.8	D2.X31.2	D1.X2.2	D2.X2.2
D1.X31.2	D2.X31.8	D1.X2.4	D2.X2.4
D1.X31.4	D2.X31.7	D1.X3.2	D2.X3.2
D1.X31.3	D2.X31.6	D1.X3.4	D2.X3.4
D1.X31.7	D2.X31.4	D1.X4.2	D2.X4.2
D1.X31.6	D2.X31.3	D1.X4.4	D2.X4.4
		D1.X5.2	D2.X5.2
		D1.X5.4	D2.X5.4
D1.X16	D2.X16		in power cabinet
		D1.X30.5	protect. cond.connect.
		D1.X30.6	protect. cond.connect.
		D1.X100	protect. cond.connect.
		D1.X115	protect. cond.connect.
D1.X161	D2.X161	D2.X30.5	protect. cond.connect.
		D2.X30.6	protect. cond.connect.
		D2.X100	protect. cond.connect.
		D2.X115	protect. cond.connect.
D1.X17	D2.X17	D1.X19.1	D2.X19.1
		D1.X19.2	D2.X19.2
		D1.X19.3	D2.X19.3
		D1.X19.4	D2.X19.4
		D1.X19.5	D2.X19.5
		D1.X19.6	D2.X19.6
		D1.X19.7	D2.X19.7
		D1.X19.8	D2.X19.8
D1.X171	D2.X171		
D1.X29.1*)	D2.X29.1*)		
to	to		
D1.X29.56*)	D2.X29.34		
D1.X44.1*)	D2.X44.1*)		
to	to		
D1.X44.34	D2.X44.34		
D1.X208	D2.X208		
D1.X281	D2.X281		

*) Ribbon cables

Wall sockets – recess with wall socket housing

NOTICE

Perform on all wall sockets.
Attach the terminal blocks to the wall socket recess. The wall socket housing is the part of the wall socket embedded in plaster.

Wall socket recess	Wires	Wall socket housing	Remarks
X1.3	1 x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Outer shield of the monitor cable Protective conductor connection wall socket
Metal pin	1 x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Shield

Room 1, wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 1	Wires	power cabinet		Remarks
		Board D1	Board D21	
Prot. cond. connection	1x 6 mm ²		Protect. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X2.3 X2.1 Protect. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X7.3 X7.1 Protect. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X7.7 X7.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X211.1 X211.3 X12.1 X12.3	System on System on System off System off
X1.24 X1.8	2x 0.75 mm ²		X12.8 X12.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X25.10 X25.9 X25.1 X25.2 X25.3 X25.4 X25.5 X25.6 X25.7 X25.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X36 X37 X103	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, wall socket 2 – power cabinet (if applicable)

- The following connections are required

Wall socket 2 Room 1	Wires	power cabinet		Remarks
		Board D1	Board D2	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X3.3 X3.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X8.3 X8.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X8.7 X8.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X212.1 X212.3 X13.1 X13.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X13.8 X13.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X13.7 X13.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13	5x 2x 0.75 mm ² Shield		X26.10 X26.9 X26.1 X26.2 X26.3 X26.4 X26.5 X26.6 X26.7	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X38 X39 X104	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, monitor block – power cabinet

- The following connections are required:

Monitor block room 1	Wires	Power cabinet	Remarks
Protective conductor connection monitor A and monitor B	1 x 6 mm ²	Protective conductor connect.	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3 x 1.5 mm ² green-yellow	K101.2 K101.4 Protective conductor connect.	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 1	Wires	Power cabinet D2	Remarks
Fluoro monitor	Triaxial cable		
Video Signal	core	X57	Composite video signal Monitor 2
Protective conductor connection	shield 1 shield 2	X58 X113	Inner shield Outer shield
Storage monitor	Triaxial cable		
Video signal	core	X49	Composite video signal Monitor 1
Protective conductor connection	shield 1 shield 2	X50 X111	Inner shield Outer shield

Room 1, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 1	Wires	Power cabinet D2	Remarks
Radiation warning indicator lamp: 24 V /4 W	2 x 0.75 mm ²	X21.3 X21.4	Install and connect on-site where readily visible (e.g. on MTS), e.g. live monitor.

Room 1, keyboard – power cabinet (if applicable)

NOTICE

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- The following connections are required:

Keyboard	Wires	Power cabinet D2	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4 x2 x 0.16 mm ² shield	X21.1 X21.2 X21.7 X21.8 X21.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 2, wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 2	Wires	power cabinet		Remarks
		Board D1	Board D2	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X4.3 X4.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X9.3 X9.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X9.7 X9.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X213.1 X213.3 X14.1 X14.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X14.8 X14.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X27.10 X27.9 X27.1 X27.2 X27.3 X27.4 X27.5 X27.6 X27.7 x27.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X40 X41 X105	comp.vid. sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 2	Wires	power cabinet		Remarks
		Board D1	Board D2	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X5.3 X5.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X10.3 X10.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X10.7 X10.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X214.1 X214.3 X15.1 X15.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X15.8 X15.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X15.7 X15.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X28.10 X28.9 X28.2 X28.1 X28.4 X28.3 X28.6 X28.5 X28.7 X28.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X42 X43 X106	comp.vid.sgnl CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, monitor block – power cabinet

- The following connections are required:

Monitor block room 2	Wires	Power cabinet	Remarks
Prot. cond. connection monitor A and monitor B	1 x 6 mm ²	Prot. cond. connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3 x 1.5 mm ² green-yellow	K102.2 K102.4 Prot. cond. connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 2	Wires	Power cabinet D2	Remarks
Fluoro monitor	Triaxial cable		
Video Signal	core	X59	Composite video signal Monitor 2
Protective conductor connection	shield 1 shield 2	X60 X114	Inner shield Outer shield
Storage monitor	Triaxial cable		
Video signal	core	X51	Composite video signal Monitor 1
Protective conductor connection	shield 1 shield 2	X52 X112	Inner shield Outer shield

Room 2, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 2	Wires	Power cabinet D2	Remarks
Radiation warning indicator lamp: 24 V /4 W	2 x 0.75 mm ²	X22.3 X22.4	Install and connect on-site where readily visible (e.g. on MTS), e.g. live monitor.

Room 2, keyboard – power cabinet (if applicable)

NOTICE

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

Keyboard room 2	Wires	Power cabinet D2	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4 x2 x 0.16 mm ² shield	X22.1 X22.2 X22.7 X22.8 X22.6	Solder the plug X2 supplied Connect the shield to the plug housing

3 or 4 rooms, 2 SIREMOBIL units,
1 or 2 wall sockets per room

Locations of boards D1 - D4

Fig. 3 shows the abbreviations used in the tables

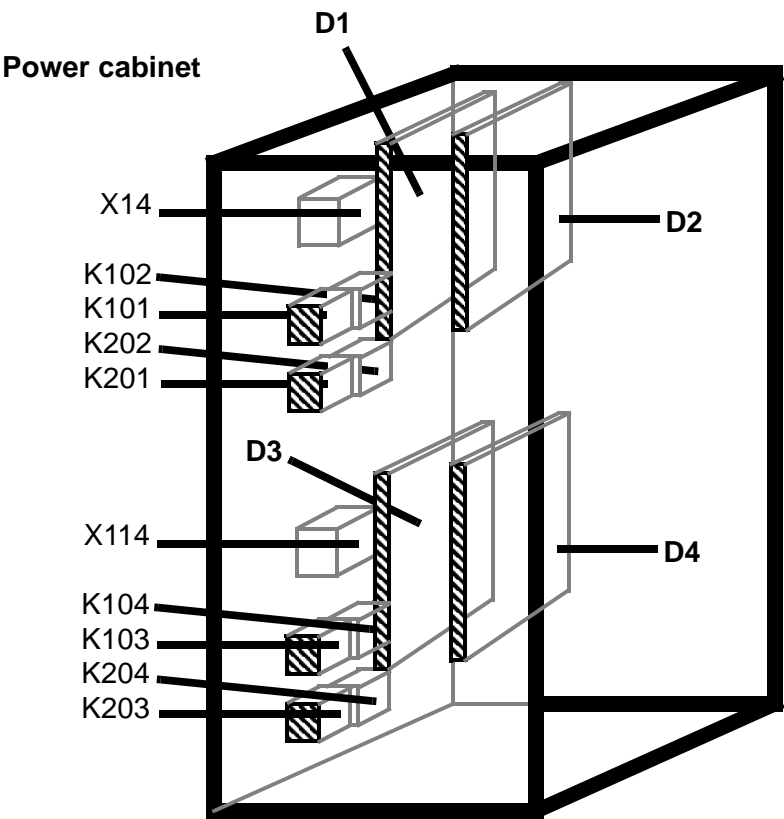


Fig. 3

Wiring the power contactors

NOTICE	Already carried out according to on-site specification on order form.
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- The following connections are required:

from	to
K101.2 K101.4	K201.2 K201.4
K102.2 K102.4	K202.2 K202.4
K103.2 K103.4	K203.2 K203.4
K104.2 K104.4	K204.2 K204.4

Wiring the cable harness between boards D2 and D4

NOTICE

Already carried out according to on-site specification on order form.

- The following connections between boards D1 and D3 are required:

Power cabinet		Wires	Remarks System 1
D3	D4		
X18.2 X18.4 X18.6	X18.2 X18.4 X18.6	Cable harness Cable harness Cable harness	24 V 0 V Pilot
X1.2 X1.4	X1.2 X1.4	Cable harness Cable harness	Power supply Generator
X6.2 X6.6	X6.2 X6.6	Cable harness Cable harness	Power supply
X11.2 X11.6	X11.2 X11.6	Cable harness Cable harness	System 1 System 1
X20.2 X20.4 X20.6 X20.8	X20.2 X20.4 X20.6 X20.8	Cable harness Cable harness Cable harness Cable harness	Keyboard wiring
X24.1 X24.2 X24.3 X24.4 X24.5 X24.6 X24.7 X24.8	X24.1 X24.2 X24.3 X24.4 X24.5 X24.6 X24.7 X24.8	Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness	System 1 20m A interface
X102 X35 X34	X102 X35 X34	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	System 1 Outer shield Inner shield composite video signal, CCD-camera
X108 X48 X47	X107 X46 X45	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	System 1 Outer shield Inner shield composite video signal
X110 X56 X55	X109 X54 X55	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	System 1 Outer shield Inner shield composite video signal
X200.2 X200.6	X200.2 X200.6	Cable harness Cable harness	System 1, on System 1, on

Wiring the cable harness between boards D2 and D4

NOTICE

Already carried out according to on-site specification on order form.

- The following connections between boards D2 and D4 are required:

Power cabinet		Wires	Remarks System 2
D2	D4		
X18.2 X18.4 X18.6	X18.2 X18.4 X18.6	Cable harness Cable harness Cable harness	24 V 0 Pilot
X1.2 X1.4	X1.2 X1.4	Cable harness Cable harness	Power supply Generator
X6.2 X6.6	X6.2 X6.6	Cable harness Cable harness	Power supply
X11.2 X11.6	X11.2 X11.6	Cable harness Cable harness	System 2, off System 2, off
X20.2 X20.4 X20.6 X20.8	X20.2 X20.4 X20.6 X20.8	Cable harness Cable harness Cable harness Cable harness	Keyboard wiring
X24.1 X24.2 X24.3 X24.4 X24.5 X24.6 X24.7 X24.8	X24.1 X24.2 X24.3 X24.4 X24.5 X24.6 X24.7 X24.8	Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness Cable harness	20mA interfaces
X102 X35 X34	X102 X35 X34	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	Outer shield Inner shield CCD-camera
X108 X48 X47	X107 X46 X45	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	Outer shield Inner shield composite video signal
X110 X56 X55	X109 X54 X55	Cbl. harness, triax.cbl. Shield 2 Shield 1 Core	Outer shield Inner shield composite video signal
X200.2 X200.6	X200.2 X200.6	Cable harness Cable harness	System 2, on System 2, on

Wiring for boards D1 - D4

NOTICE

Already carried out according to on-site specification on order form.

To simplify installation, remove board D2 from the spacer bolt and move it forward carefully. After wiring, secure board D2 again.

- The following connections are required:

from Board	to Board	from Board	to Board
D1.X31.8	D2.X31.2	D1.X2.2	D2.X2.2
D1.X31.2	D2.X31.8	D1.X2.4	D2.X2.4
D1.X31.4	D2.X31.7	D1.X3.2	D2.X3.2
D1.X31.3	D2.X31.6	D1.X3.4	D2.X3.4
D1.X31.7	D2.X31.3	D1.X4.2	D2.X4.2
D1.X31.6	D2.X31.4	D1.X4.4	D2.X4.4
		D1.X5.2	D2.X5.2
		D1.X5.4	D2.X5.4
D1.X16	D2.X16		In
D1.X161	D2.X161	D1.X30.5	protect. cond.connect. power cabinet
		D1.X30.6	protect. cond.connect. "
		D1.X100	protect. cond.connect. "
		D1.X115	protect. cond.connect. "
D1.X17	D2.X17.	D2.X30.5	protect. cond.connect. "
		D2.X30.6	protect. cond.connect. "
		D2.X100	protect. cond.connect. "
		D2.X115	protect. cond.connect. "
D1.X171	D2.X171	D1.X19.1	D2.X19.1
		D1.X19.2	D2.X19.2
		D1.X19.3	D2.X19.3
		D1.X19.4	D2.X19.4
		D1.X19.5	D2.X19.5
		D1.X19.6	D2.X19.6
		D1.X19.7	D2.X19.7
		D1.X19.8	D2.X19.8
D1.X29.1*) to D1.X29.56*)	D2.X29.1*) to D2.X29.34		
D1.X44.1*) to D1.X44.34	D2.X44.1*) to D2.X44.34		
D1.X208	D2.X208		
D1.X281	D2.X281		

*) Ribbon cables

- The following connections are required:

from Board	to Board
D3.X31.8	D4.X31.2
D3.X31.2	D4.X31.8
D3.X31.4	D4.X31.7
D3.X31.3	D4.X31.6
D3.X31.7	D4.X31.4
D3.X31.6	D4.X31.3
D3.X16	D4.X16
D3.X161	D4.X161
D3.X17	D4.X17
D3.X171	D4.X171
D3.X29.1*) to D3.X29.56*)	D4.X29.1*) to D4.X29.34
D3.X44.1*) to D3.X44.34	D4.X44.1*) to D4.X44.34
D3.X208	D4.X208
D3.X281	D4.X281

from Board	to Board
D3.X2.2	D4.X2.2
D3.X2.4	D4.X2.4
D3.X3.2	D4.X3.2
D3.X3.4	D4.X3.4
D3.X4.2	D4.X4.2
D3.X4.4	D4.X4.4
D3.X5.2	D4.X5.2
D3.X5.4	D4.X5.4
D3.X30.5	protect. cond.cnnct. in power cabinet
D3.X30.6	protect. cond.cnnct. "
D3.X100	protect. cond.cnnct. "
D3.X115	protect. cond.cnnct. "
D4.X30.5	protect. cond.cnnct. "
D4.X30.6	protect. cond.cnnct. "
D4.X100	protect. cond.cnnct. "
D4.X115	protect. cond.cnnct. "
D3.X19.1	D4.X19.1
D3.X19.2	D4.X19.2
D3.X19.3	D4.X19.3
D3.X19.4	D4.X19.4
D3.X19.5	D4.X19.5
D3.X19.6	D4.X19.6
D3.X19.7	D4.X19.7
D3.X19.8	D4.X19.8

*) Ribbon cables

Wall sockets – recess with wall socket housing

NOTICE

Perform on all wall sockets.
Attach the terminal blocks to the wall socket recess. The wall socket housing is the part of the wall socket embedded in plaster.

Wall socket recess	Wires	Wall socket housing	Remarks
X1.3	1 x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Outer shield of the monitor cable Protective conductor connection wall socket
Pilot contact system	1 x 0.75 mm ² green-yellow from accessory kit	Protective conductor connection	Shield

Room 1, wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 1	Wires	power cabinet		Remarks
		Board D1	Board D2	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X2.3 X2.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X7.3 X7.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X7.7 X7.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X211.1 X211.3 X12.1 X12.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X12.8 X12.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X25.10 X25.9 X25.1 X25.2 X25.3 X25.4 X25.5 X25.6 X25.7 X25.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X36 X37 X103	comp.vid.sgnl CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 1	Wires	power cabinet		Remarks
		Board D1	Board D2	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X3.3 X3.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X8.3 X8.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X8.7 X8.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X212.1 X212.3 X13.1 X13.3	System on System on System off System off
X1.4 X1.6	2x 0.75 mm ²		X12.8 X12.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X13.7 X13.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X26.10 X26.9 X26.1 X26.2 X26.3 X26.4 X26.5 X26.6 X26.7 X26.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X38 X39 X104	comp.vid.sgnl CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 1, monitor block – power cabinet

- The following connections are required:

Monitor block room 1	Wires	Power cabinet	Remarks
Protective conductor connection monitor A and monitor B	1 x 6 mm ²	Protective conductor connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3 x 1.5 mm ² green-yellow	K101.2 K101.4 Protective conductor connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 1	Wires	Power cabinet D2	Remarks
Fluoro monitor Video Signal protective conductor connection	Triaxial cable core shield 1 shield 2	X57 X58 X113	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor Video signal Protective conductor connection	Triaxial cable core shield 1 shield 2	 X49 X50 X111	 Composite video signal Monitor 1 Inner shield Outer shield

Room 1, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 1	Wires	Power cabinet D2	Remarks
Radiation warning indicator lamp: 24 V /4 W	2 x 0.75 mm ²	X21.3 X21.4	Install and connect on-site where readily visible (e.g. on MTS) e.g. live monitor.

Room 1, keyboard – power cabinet (if applicable)

NOTICE

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- The following connections are required:

Keyboard	Wires	Power cabinet D1	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4 x2 x 0.16 mm ² shield	X21.1 X21.2 X21.7 X21.8 X21.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 2, wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 2	Wires	power cabinet		Remarks
		Board D1	Board D2	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X4.3 X4.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X9.3 X9.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X9.7 X9.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X213.1 X213.3 X14.1 X14.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X14.8 X14.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 x1.14	5x 2x 0.75 mm ² Shield Shield		X27.10 X27.9 X27.1 X27.2 X27.3 X27.4 X27.5 X27.6 X27.7 X27.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X40 X41 X105	comp.vid.sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, wall socket 2 – power cabinet

- The following connections are required:

Wall socket 2 Room 2	Wires	power cabinet		Remarks
		Board D1	Board D2	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X5.1 X5.3 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X10.1 X10.3 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X10.7 X10.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X214.1 X214.3 X15.1 X15.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X15.8 X15.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X15.7 X15.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X28.10 X28.9 x28.1 X28.2 X28.3 X28.4 X28.5 X28.6 X28.7 X28.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X42 X43 X106	comp.vid.sgnl CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 2, monitor block – power cabinet

- The following connections are required:

Monitor block	Wires	Power cabinet	Remarks
Protective conductor connection monitor A and monitor B	1 x 6 mm ²	Prot. cond. connection	Connect protective conductor to both monitors
Power supply to monitor A, for MTS to monitor A and monitor B	3 x 1.5 mm ² green-yellow	K102.2 K102.4 Prot. cond. connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block	Wires	Power cabinet D1	Remarks
Fluoro monitor Video Signal Protective conductor connection	Triaxial cable core shield 1 shield 2	X59 X60 X114	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor Video signal Protective conductor connection	Triaxial cable core shield 1 shield 2	X51 X52 X112	Composite video signal Monitor 1 Inner shield Outer shield

Room 2, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 2	Wires	Power cabinet D2	Remarks
Radiation warning indicator lamp: 24 V /4 W	2x 0.75 mm ²	X22.3 X22.4	Install and connect on-site where readily visible (e.g. on MTS) e.g. live monitor.

Room 2, keyboard – power cabinet (if applicable)

NOTICE

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

The following connections are required:

Keyboard Room 2	Wires	Power cabinet D2	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4x2x 0.75 mm ² shield	X22.1 X22.2 X22.7 X22.8 X22.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 3, wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 3	Wires	power cabinet		Remarks
		Board D3	Board D4	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X2.3 X2.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X7.3 X7.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X7.7 X7.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X211.1 X211.3 X12.2.1 X12.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X12.8 X12.7	Pilot contact system 2
X1.21 X1.22	5x 0.75 mm ²	X12.7 X12.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X25.10 X25.9 X25.1 X25.2 X25.3 X25.4 X25.5 X25.6 X25.7 x25.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X36 X37 X103	comp.vid.sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 3, wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 3	Wires	power cabinet		Remarks
		Board D3	Board D4	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X3.3 X3.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X8.3 X8.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X8.7 X8.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X212.1 X212.3 X13.2.1 X13.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X13.8 X13.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X12.7 X12.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X26.10 X26.9 X26.1 X26.2 X26.3 X26.4 X26.5 X26.6 X26.7 X26.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X38 X39 X104	comp.vid.sgnl CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 3, monitor block – power cabinet

- The following connections are required:

Monitor block room 3	Wires	Power cabinet	Remarks
Prot. cond. connection monitor A and monitor B	1 x 6 mm ²	Prot. cond. connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3 x 1.5 mm ² green-yellow	K103.2 K103.4 Prot. cond. connection	Requires on-site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 1	Wires	Power cabinet D4	Remarks
Fluoro monitor	Triaxial cable		
Video Signal Protective conductor connection	core shield 1 shield 2	X57 X58 X113	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor Video signal Protective conductor connection	Triaxial cable core shield 1 shield 2	X49 X50 X111	Composite video signal Monitor 1 Inner shield Outer shield

Room 3, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 3	Wires	Power cabinet D4	Remarks
Radiation warning indicator lamp: 24 V /4 W	2 x 0.75 mm ²	X21.3 X21.4	Install and connect on-site where readily visible (e.g. on MTS) e.g. live monitor.

Room 3, keyboard – power cabinet

NOTICE

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- Make the following connections:

Keyboard room 3	Wires	Power cabinet D4	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4 x2 x 0.16 mm ² shield	X21.1 X21.2 X21.7 X21.8 X21.6	Solder the plug X2 supplied Connect the shield to the plug housing

Room 4 (if applicable), wall socket 1 – power cabinet

- The following connections are required:

Wall socket 1 Room 4	Wires	power cabinet		Remarks
		Board D3	Board D4	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X4.3 X4.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X9.3 X9.1 Prot. cond. connection	Power supply Power supply V Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X9.7 X9.8	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.8	4x 0.75 mm ²		X213.1 X213.3 X14.1 X14.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X14.8 X14.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X14.7 X14.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X27.10 X27.9 X27.1 X27.2 X27.3 X27.4 X27.5 X27.6 X27.7 X27.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X40 X41 X105	comp.vid.sgnl. CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 4, wall socket 2 – power cabinet (if applicable)

- The following connections are required:

Wall socket 2 Room 4	Wires	Power cabinet		Remarks
		Board D3	Board D4	
Prot. cond. connection	1x 6 mm ²		Prot. cond. connection	Protective conductor con- nection in power cabinet
X1.1 X1.2 Prot. cond. connection	3x 4 mm ² green-yellow		X5.3 X5.1 Prot. cond. connection	Power supply gen. Power supply gen. Protective conductor con- nection in power cabinet
X1.20 X1.19 Prot. cond. connection	3x 1.5 mm ² green-yellow		X10.3 X10.1 Prot. cond. connection	Power supply Power supply Protective conductor con- nection in power cabinet
X1.4 X1.5	2x 0.75 mm ²		X10.8 X10.7	Radiation warn. indicat. 24 V Radiation warn. indicat. 24 V
X1.25 X1.26 X1.7 X1.6	4x 0.75 mm ²		X214.1 X214.3 X15.1 X15.3	System on System on System off System off
X1.4 X1.8	2x 0.75 mm ²		X15.8 X15.7	Pilot contact system 2
X1.21 X1.22	4x 0.75 mm ²	X15.7 X15.8		Pilot contact system 1
X1.18 X1.17 X1.9 X1.10 X1.11 X1.12 X1.15 X1.16 X1.13 X1.14	5x 2x 0.75 mm ² Shield Shield		X28.10 X28.9 X28.1 X28.2 X28.3 X28.4 X28.5 X28.6 X28.7 X28.8	+Start -Start -RXD +RXD -TXD +TXD -ACQ +ACQ
X10.A1 X10.A2 X1.23	triaxial cable Core Shield 1 Shield 2		X42 X43 X106	comp.vid.sgnl CCD camera Inner shield triaxial cable Outer shield triaxial cable

Room 4, monitor block – power cabinet

- The following connections are required:

Monitor block room 4	Wires	Power cabinet	Remarks
Protective conductor connection monitor A and monitor B	1 x 6 mm ²	Prot. cond. connection	Connect protective conductor to both monitors
Power supply to monitor A, with MTS to monitor A and monitor B	3 x 1.5 mm ² green-yellow	K104.2 K104.4 Prot. cond. connection	Requires on site cooling system plug or, with MTS, connection to this via power clamp terminal

Monitor block room 2	Wires	Power cabinet D4	Remarks
Fluoro monitor Video Signal Prot. cond. connection	Triaxial cable core shield 1 shield 2	X59 X60 X114	Composite video signal Monitor 2 Inner shield Outer shield
Storage monitor Video signal Prot. cond. connection	Triaxial cable core shield 1 shield 2	X51 X52 X112	Composite video signal Monitor 1 Inner shield Outer shield

Room 4, radiation warning indicator – power cabinet

- The following connections are required:

Radiation warning indicator room 4	Wires	Power cabinet D4	Remarks
Radiation warning indicator, lamp 24 V / 4 W	2 x 0.75 mm ²	X22.3 X22.4	Install and connect on site where readily visible. (e.g. on MTS) e.g. live monitor.

Room 4, keyboard – power cabinet (if applicable)

NOTICE

Solder the SUB-D plug supplied to the wire end (X2) and connect it to the keyboard.

- The following connections are required:

Keyboard Room 4	Wires	Power cabinet D4	Remarks
X2.1 X2.4 X2.3 X2.8 Plug housing X2	4 x 2 x 0.16 mm ² shield	X22.1 X22.2 X22.7 X22.8 X22.6	Solder the plug X2 supplied Connect the shield to the plug housing

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Installing the 75 Ohm terminating resistors

NOTICE

All video wires must terminate with a 75 Ohm resistor.

- Under the following conditions, solder a 75 Ohm resistor onto the board indicated at the designated solder points (see table).
- The power cabinet is installed in one of the rooms.
and the monitor cart is intended for use with the monitors in this room.
and no further monitors are installed in this room.

Table:

Monitor used in	1 SIREMOBIL unit installed:	2 SIREMOBIL units installed:
Room 1	Board D1, 75 Ohms at X57-X58 and X49-X50	Board D2, 75 Ohms at X57-X58 and X49-X50
Room 2	Board D1, 75 Ohms at X59-X60 and X51-X52	Board D2, 75 Ohms at X59-X60 and X51-X52
Room 3	Board D3, 75 Ohms at X57-X58 and X49-X50	Board D4, 75 Ohms at X57-X58 and X49-X50
Room 4	Board D3, 75 Ohms at X59-X60 and X51-X52	Board D4, 75 Ohms at X59-X60 and X51-X52

- Check jumpers X91.2-3 and X92.X2-3 on boards D1, D2, and D3; set if necessary.

NOTICE

Already carried out according to on-site specification on order form.

- Check jumper wires X67, X72, X73 on the board; secure them if necessary.

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Functional checks

- Fix the cables in the power cabinet with cable ties.
- Lock the power cabinet with the key provided.

Functional test for the SIREMOBIL unit(s) without wall sockets

- Attach the terminating plug to the end of the additional cable.
Connect the monitor cart directly to the basic unit (not to the power cabinet!)
Perform the functional test.

Functional test for the SIREMOBIL unit (s) with wall sockets

- Switch on the on-site power for the multi-room configuration.
- Connect the SIREMOBIL units to all wall sockets, perform the functional test and perform the IQ quick test RXR2-130.037.01...
- Check the synch signal level on the last monitor of each video chain.
The level must be $300 \text{ mV} \pm 15\%$ (according to cable length).

NOTICE

If this level is out of tolerance, check the 75 Ohm terminating resistor of the video chain in question again.

Closing the housing

- Close the monitor cart again.
- Close all monitor housings again.
- Install all covering again.
Make sure that the protective conductors are all connected.

Checking the protective conductors

- After completing all work and reinstalling all covers, perform the protective conductor test according to ARTD-002.731.17.
The protective conductor resistance must not exceed 0.2 Ohms.

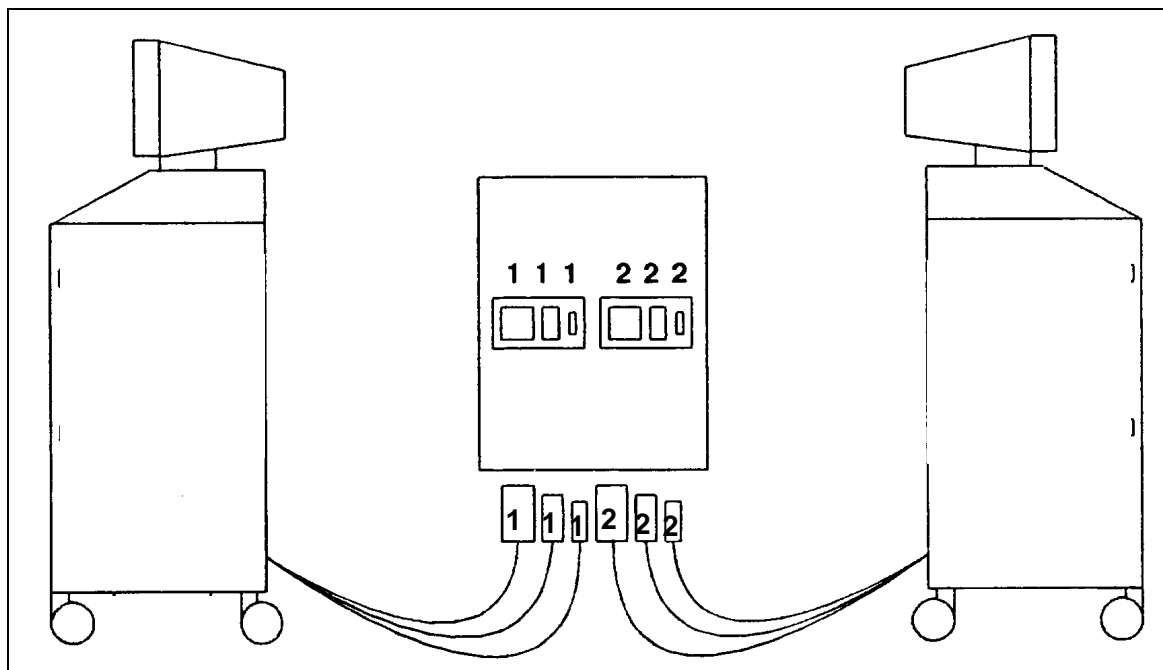


Fig. 1

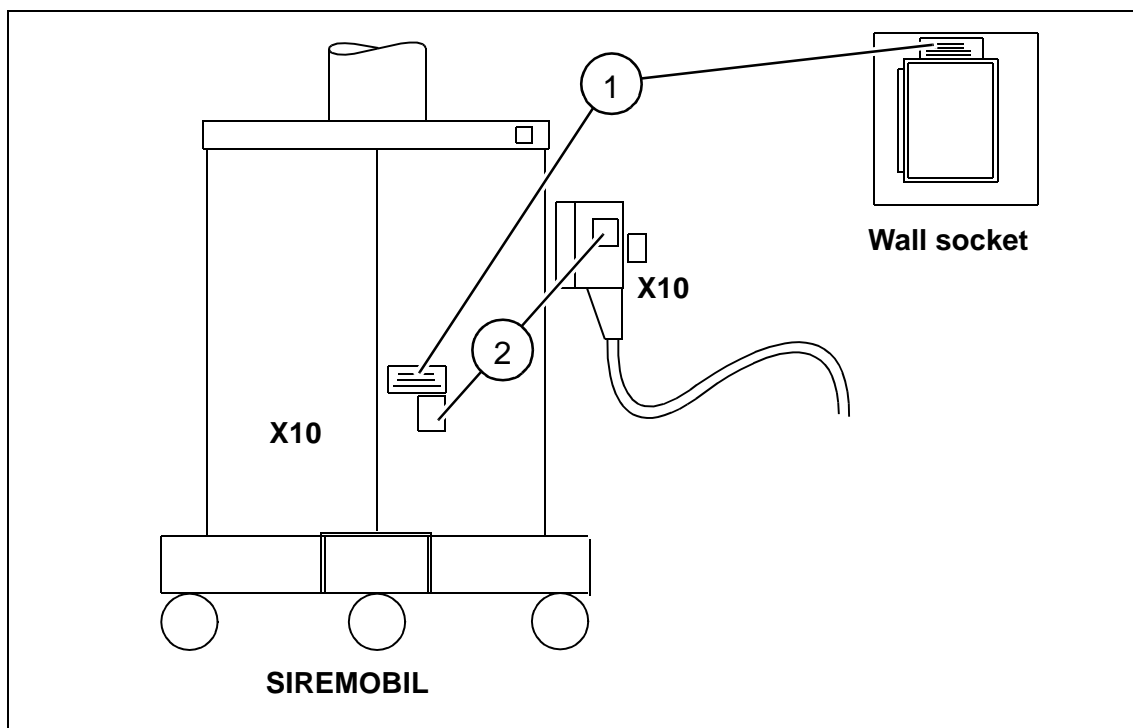


Fig. 2

Attaching the ID labels

NOTICE

With the SIREMOBIL units, the basic units and the monitor carts (with components) are matched. To prevent incorrect connections, mark the connecting cables for the monitor carts and the plug connections for the power cabinet and the new wall socket - SIREMOBIL basic unit with ID labels. In addition, attach labels with instructions for opening the wall socket - SIREMOBIL connecting cable.

- Attach one label to each wall socket, with instructions for unlocking plug X10 in the language normally used at the installation site (1/ Fig. 2).
- Attach one label to the SIREMOBIL covering, above plug connection X10, with instructions for unlocking X10 in the language normally used at the installation site (1/ Fig. 2).
- Attach one label over each of the three plug connections to the power cabinet, with the designation "1" (Fig. 1).
- Attach one label to each of the three cables to the monitor cart for unit 1, with the designation "1" (Fig. 1).
- Attach a label with instructions for connecting the wall socket - SIREMOBIL, part no. 30 98 014, for unit 1.
- Attach a label to the SIREMOBIL next to plug X10, with the designation "1" (2/ Fig. 2).
- Also attach a label with the designation "1" to the wall socket - SIREMOBIL connection cable, part no. 30 98 014 (2/ Fig. 2).
- Attach a label with the designation "2" over the right three plug connections for the power cabinet (Fig. 1).
- Attach one label to each of the three cables to the monitor cart for unit 2, with the designation "2" (Fig. 1).
- Attach a label with instructions for connecting the wall socket - SIREMOBIL, part no. 30 98 022, for unit 2.
- Attach a label to the SIREMOBIL next to plug X10, with the designation "2" (2/ Fig. 2). Also attach a label with the designation "2" to the wall socket - SIREMOBIL connecting cable, part no. 30 98 022 (2/ Fig. 2).

Instructing the customer

Turn over the supplementary operating instructions and the key for locking/unlocking the power cabinet to the customer.

Special instructions

- Only service personnel are authorized to open the power cabinet. It is therefore necessary to keep the key to the power cabinet at a separate location, where it is not accessible to unauthorized personnel.
- To switch off the SIREMOBIL in any of the rooms, it is necessary to open plug connection X10 at the wall socket or at the SIREMOBIL and to disconnect the plug. Therefore, locking/unlocking plug connection X10 should be demonstrated for authorized personnel.
- The SIREMOBIL units can be operated without the power cabinet and wall sockets only when the adapter plug is attached to the new connection cable, plug 11. Therefore, locking/unlocking plug connection X10 should be demonstrated for authorized personnel.

With two SIREMOBIL units operating

- The monitor plugs (power/X10/X11) must be connected according to their markings (labels "1" and "2") to the power cabinet.
 - The wall socket - SIREMOBIL basic unit connecting cable, part no. 30 98 014, is allocated to unit 1.
 - The wall socket - SIREMOBIL basic unit connecting cable, part no. 30 98 022, is allocated to unit 2.
- To ensure image quality, do not switch these cables.
(= monitor cart - SIREMOBIL basic unit connection).

Chapter 0 Adapted cover sheet.; Revision page complemented.
Page 2 Text new inserted

Chapter 2 Page 2 to 6 New inserted

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